

FIG. 1
 PRIOR ART

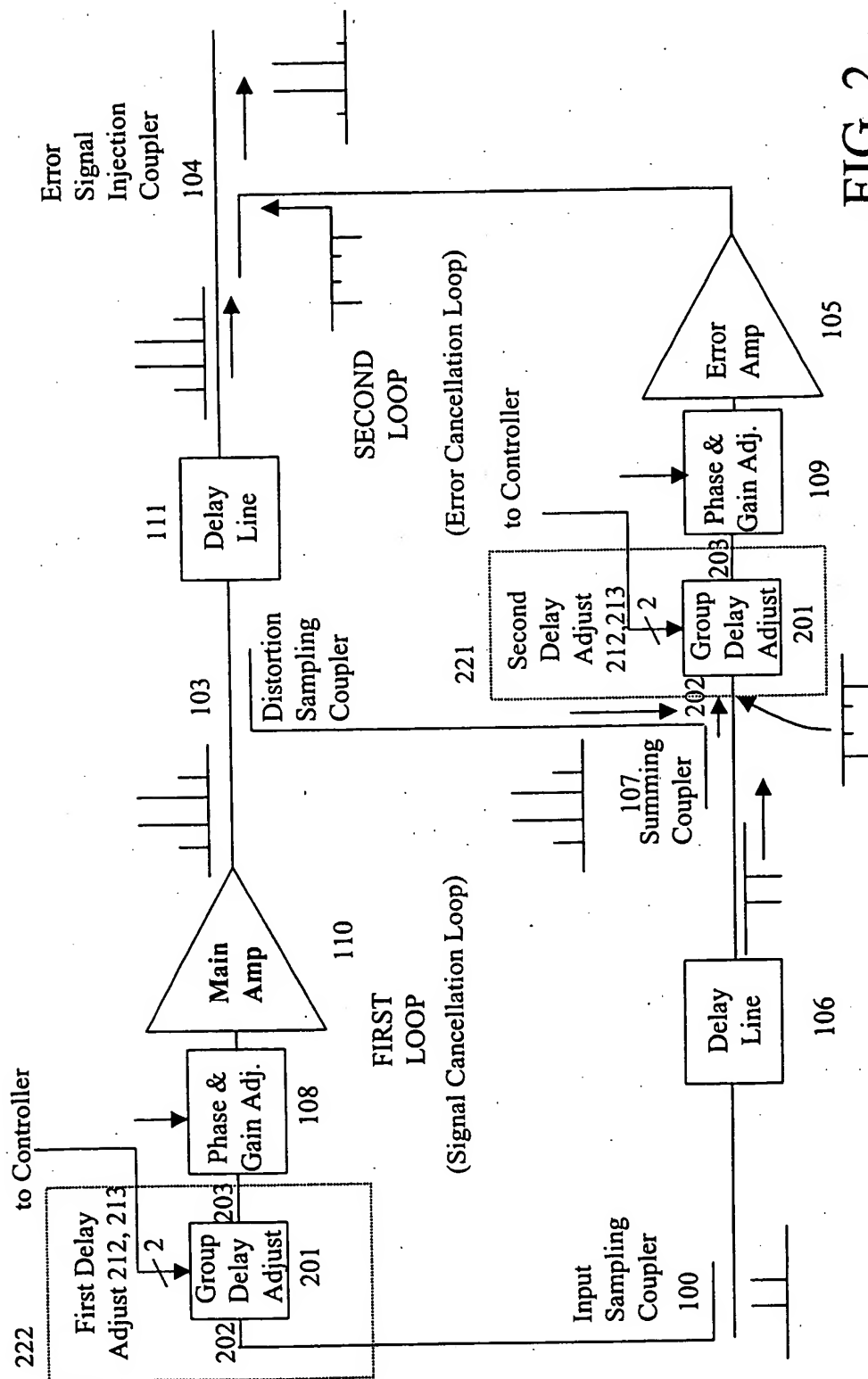


FIG. 2

S/N: -----
Docket No.: 89160.0030
Title: SYSTEM AND METHOD FOR ADJUSTING
GROUP DELAY
Inv: Mark Gurvich, Alex Rabinovich,
Nikolai Maslennikov and Jianqing He

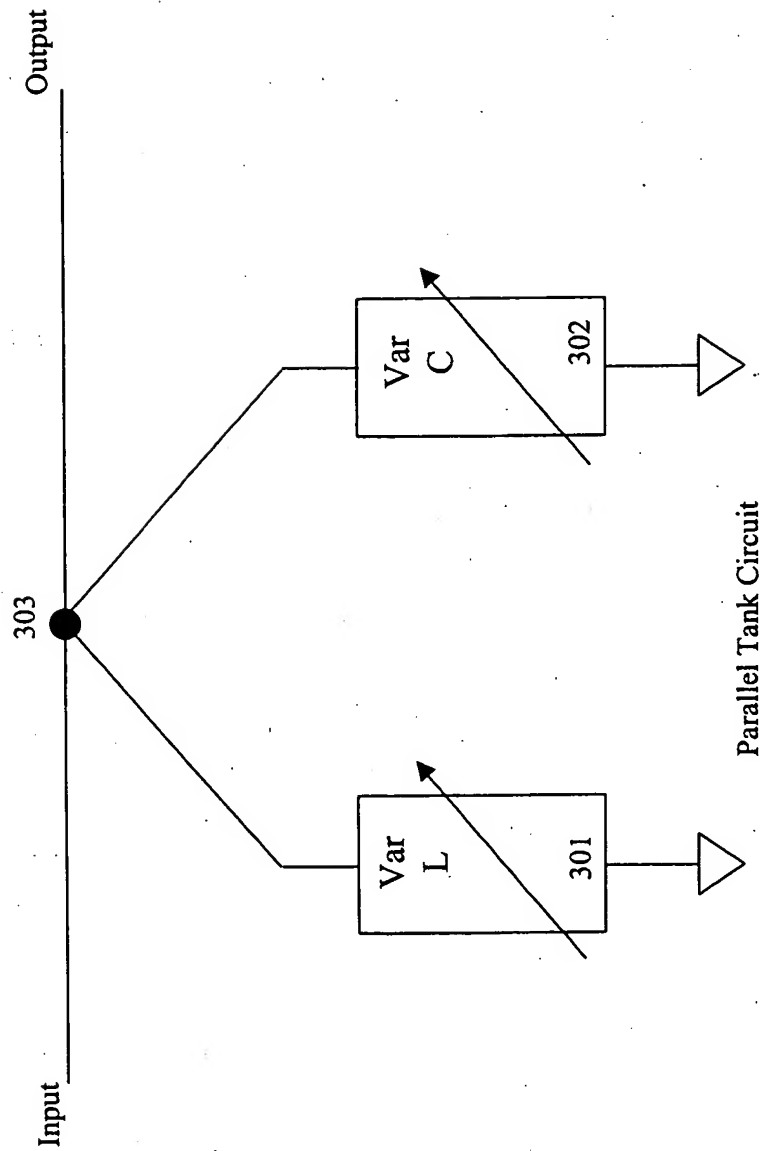


FIG. 3
PRIOR ART

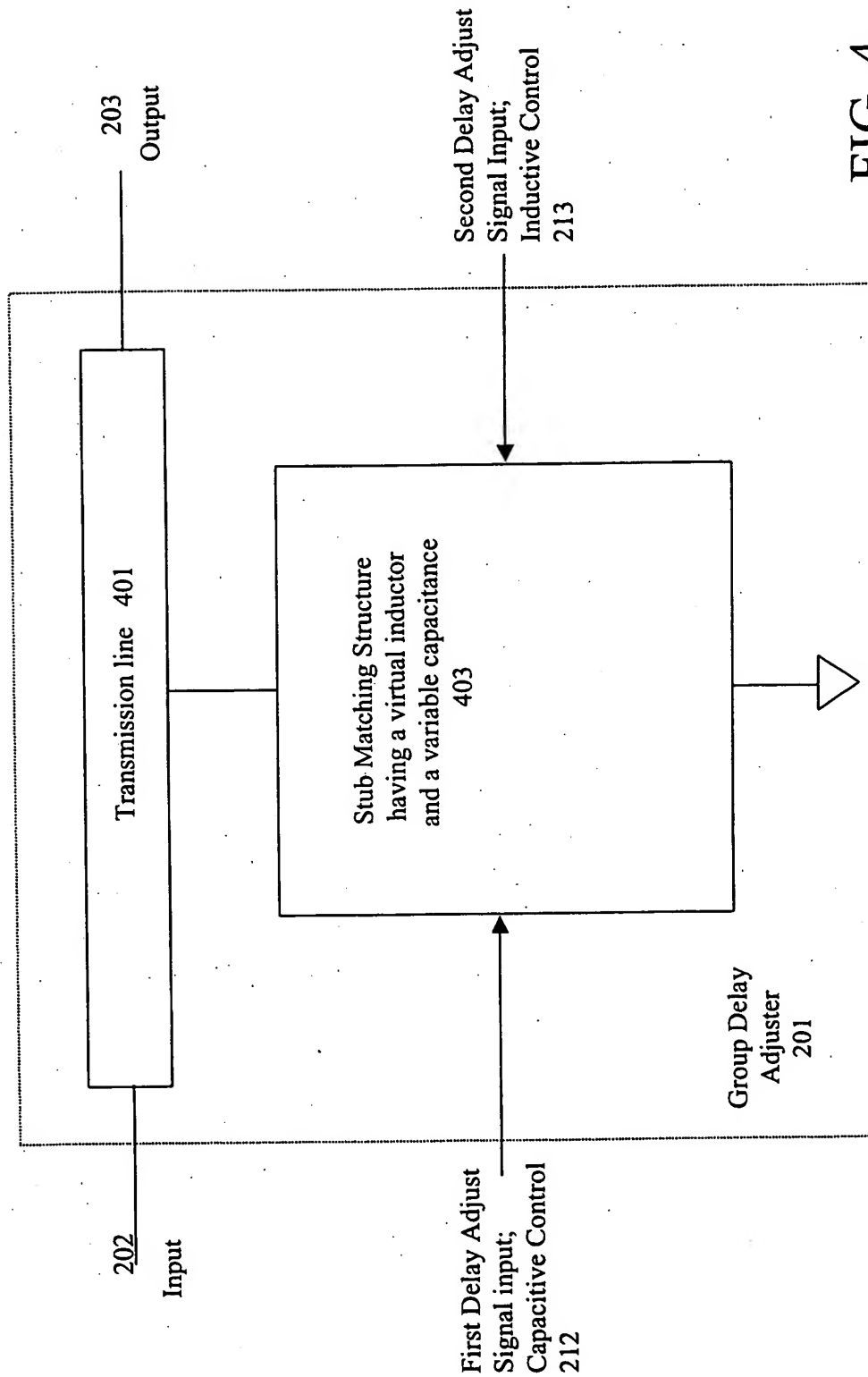


FIG. 4

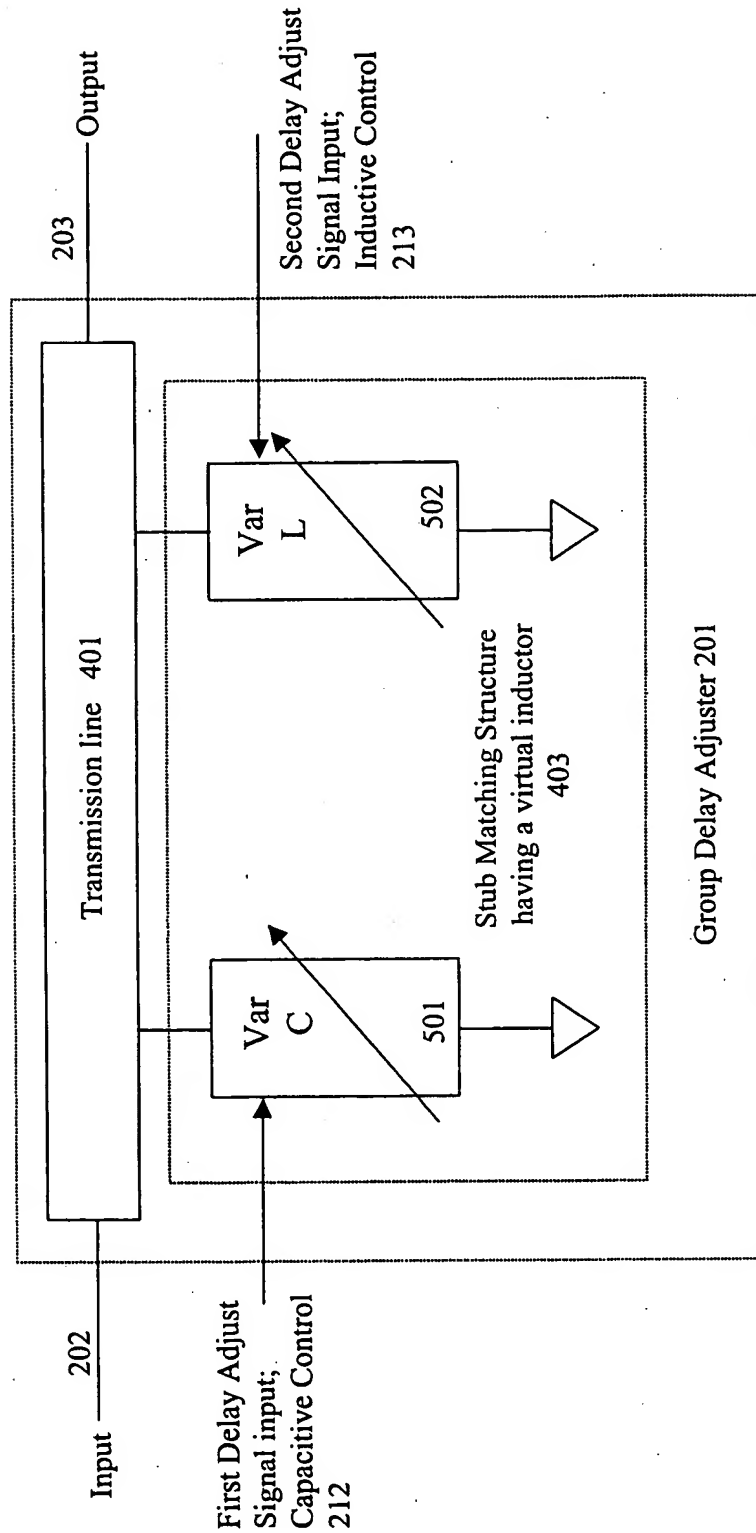


FIG. 5

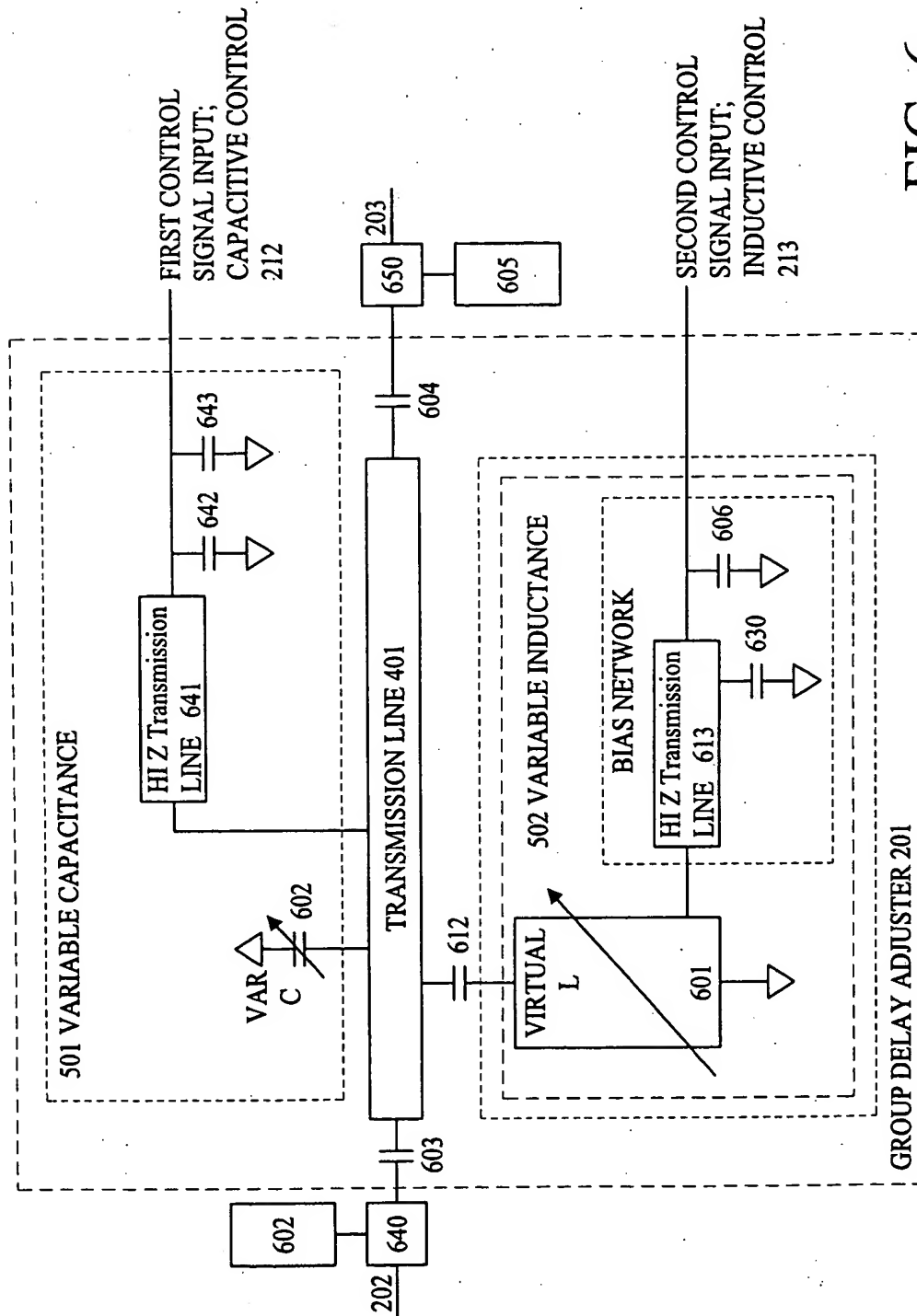


FIG. 6

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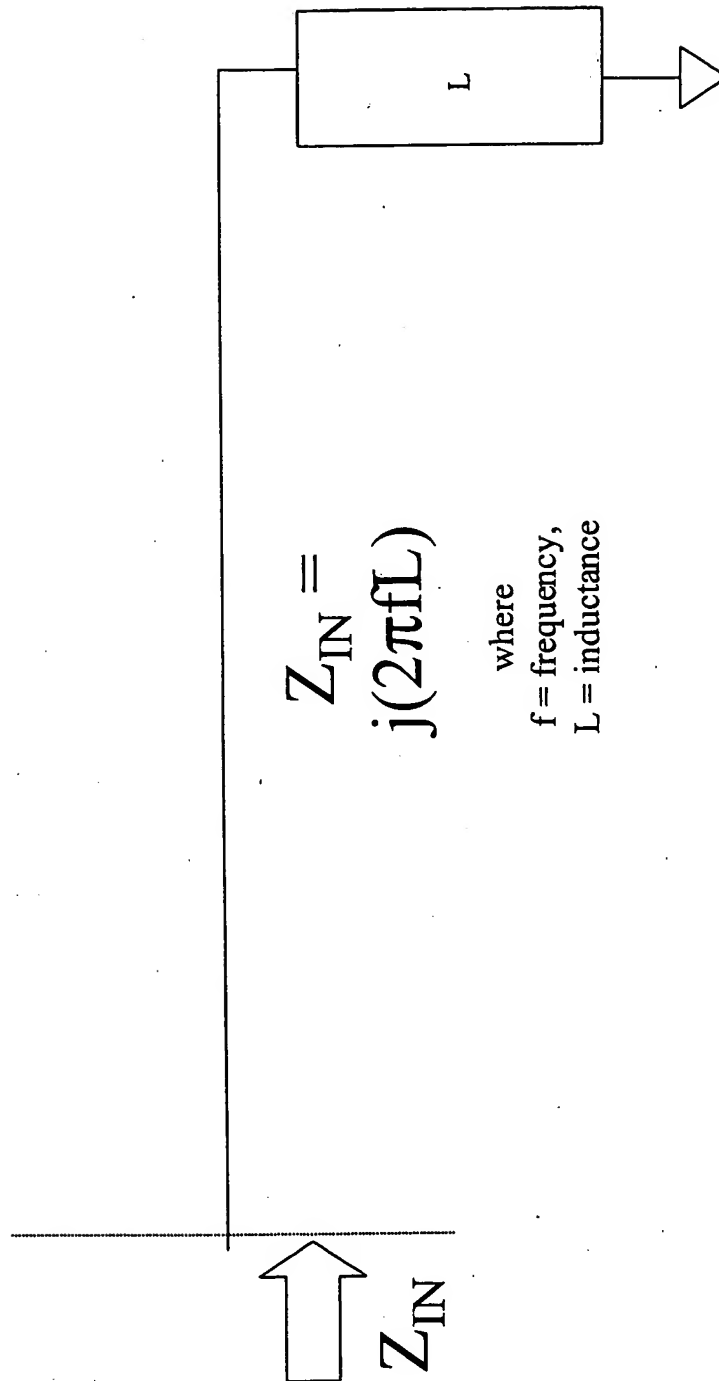


FIG. 7
PRIOR ART

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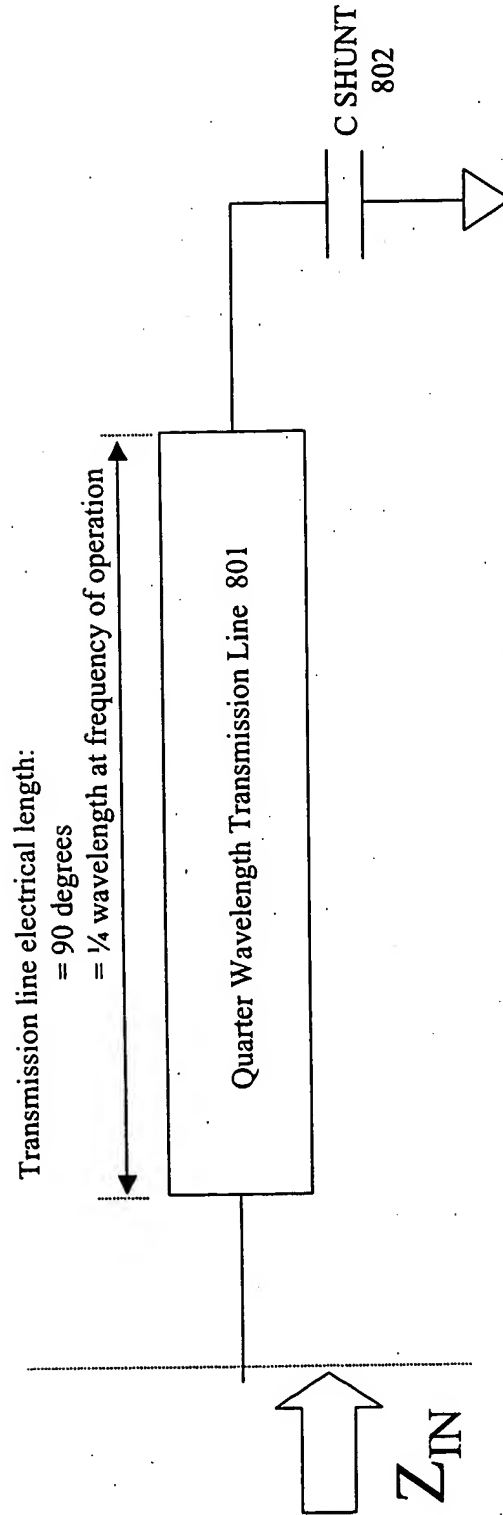


FIG. 8

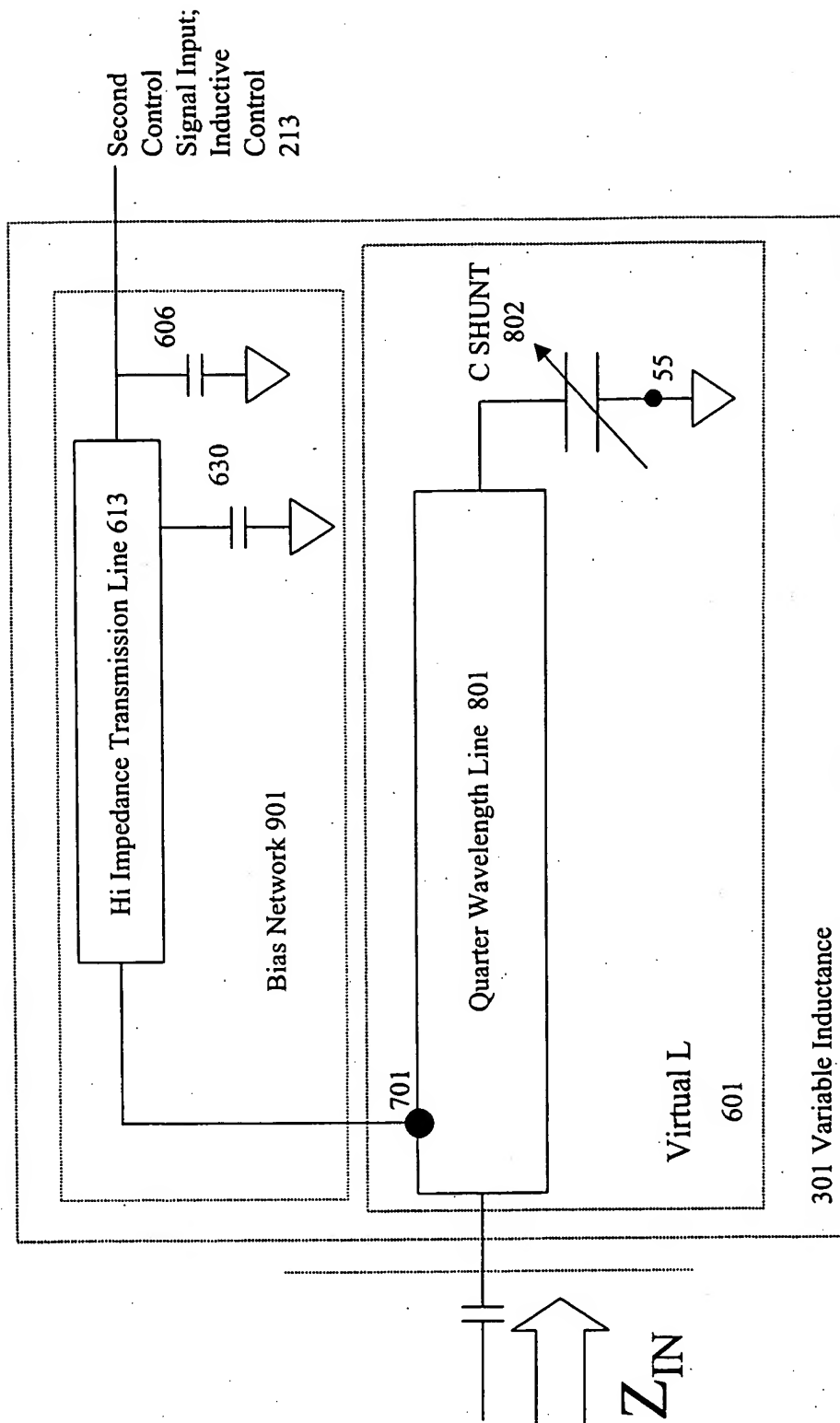
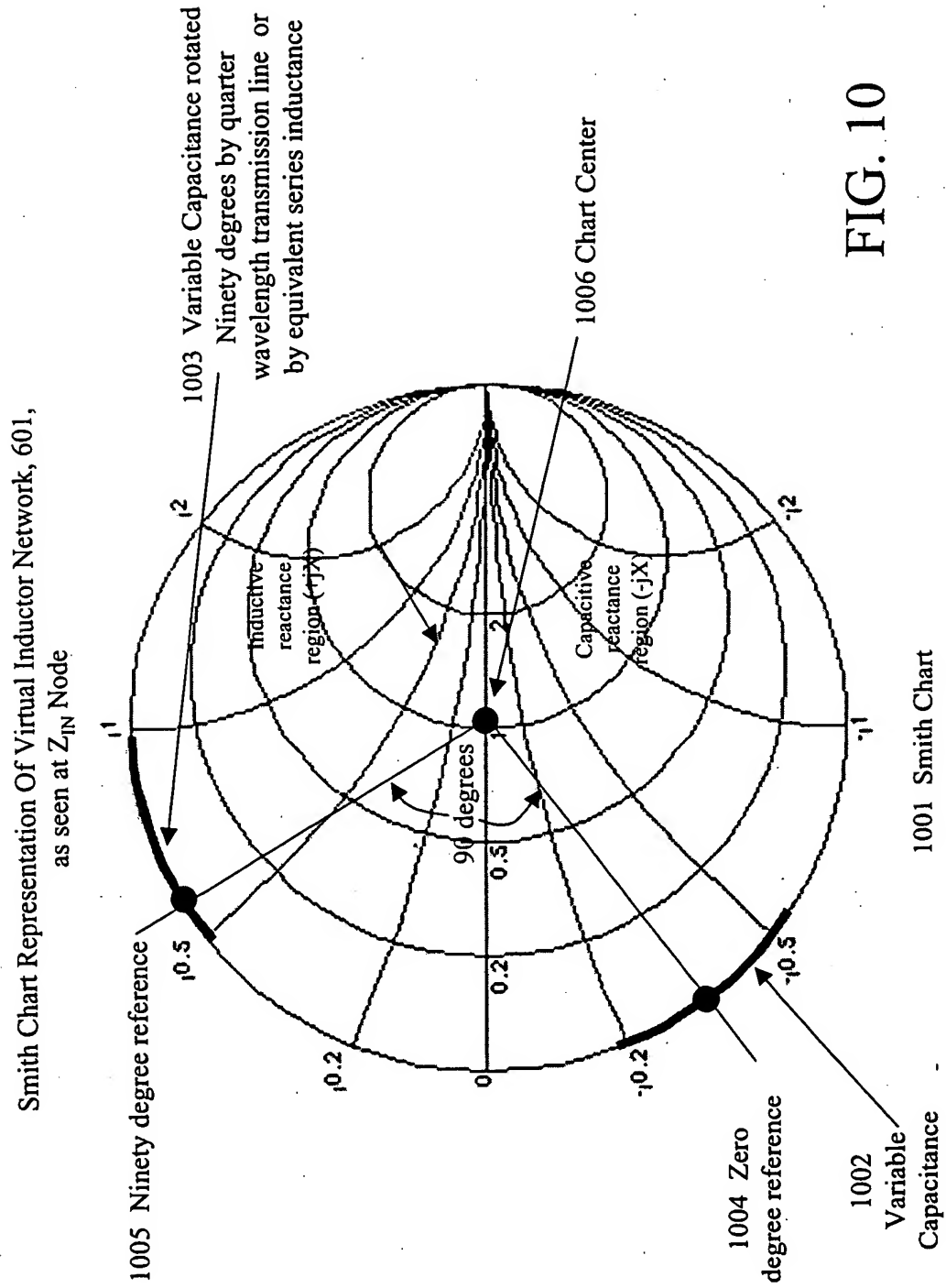


FIG. 9



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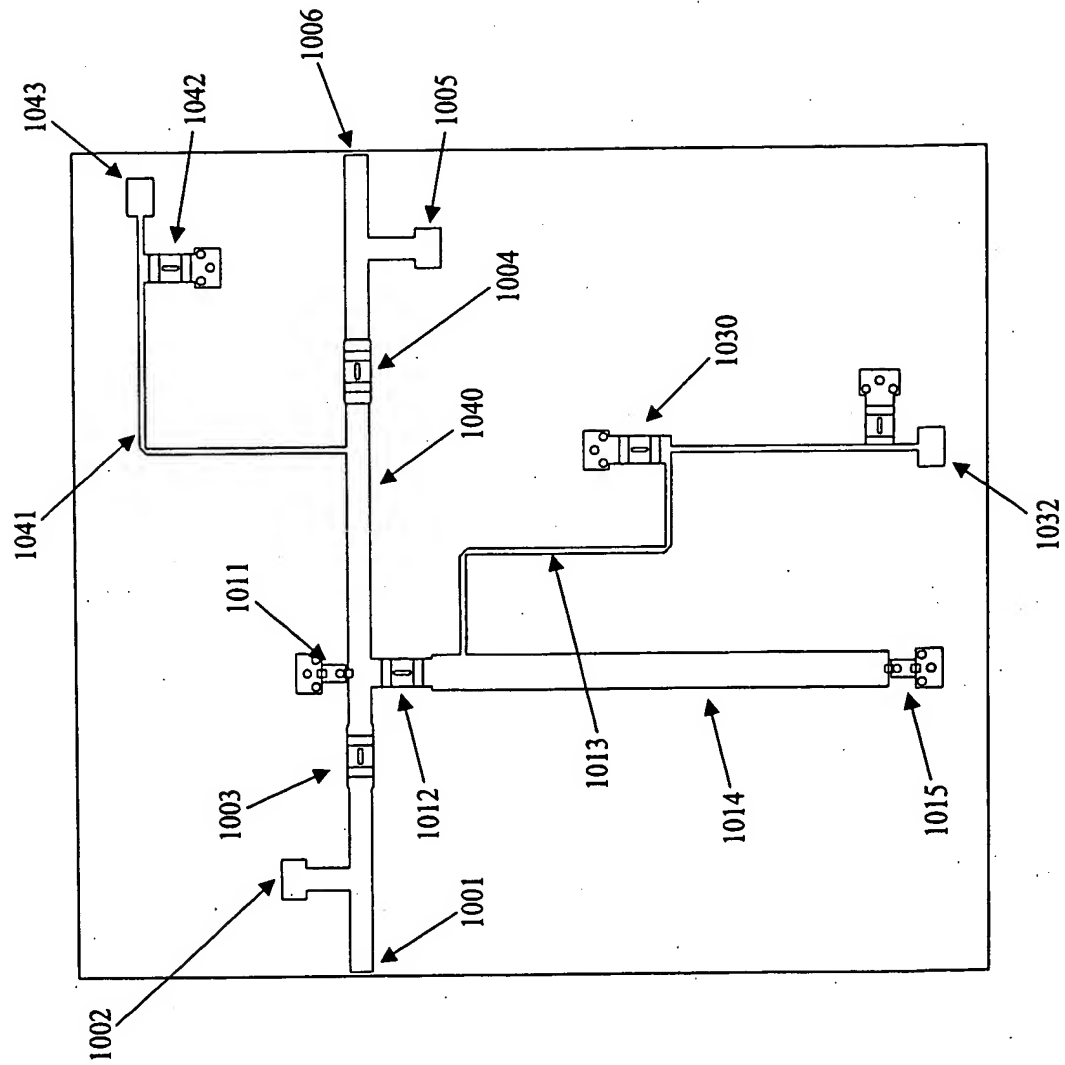


FIG. 11

| id | type | value | unit | description |
|----|-------------------------|----------------|-------------------|---------------------------------------|
| 1 | length | 10 | m | length of the object |
| 2 | width | 5 | m | width of the object |
| 3 | height | 2 | m | height of the object |
| 4 | volume | 100 | m ³ | volume of the object |
| 5 | area | 50 | m ² | area of the object |
| 6 | perimeter | 30 | m | perimeter of the object |
| 7 | mass | 1000 | kg | mass of the object |
| 8 | weight | 10000 | N | weight of the object |
| 9 | density | 1000 | kg/m ³ | density of the object |
| 10 | specific heat | 4200 | J/kg·K | specific heat of the object |
| 11 | thermal conductivity | 0.5 | W/m·K | thermal conductivity of the object |
| 12 | refractive index | 1.5 | | refractive index of the object |
| 13 | coefficient of friction | 0.5 | | coefficient of friction of the object |
| 14 | Young's modulus | 200000000000.0 | N/m ² | Young's modulus of the object |
| 15 | shear modulus | 80000000000.0 | N/m ² | shear modulus of the object |
| 16 | bulk modulus | 120000000000.0 | N/m ² | bulk modulus of the object |
| 17 | modulus of rigidity | 80000000000.0 | N/m ² | modulus of rigidity of the object |
| 18 | modulus of elasticity | 200000000000.0 | N/m ² | modulus of elasticity of the object |
| 19 | modulus of resilience | 10000000000.0 | N/m ² | modulus of resilience of the object |
| 20 | modulus of toughness | 100000000000.0 | N/m ² | modulus of toughness of the object |
| 21 | modulus of impact | 10000000000.0 | N/m ² | modulus of impact of the object |
| 22 | modulus of compression | 100000000000.0 | N/m ² | modulus of compression of the object |
| 23 | modulus of tension | 100000000000.0 | N/m ² | modulus of tension of the object |
| 24 | modulus of shear | 80000000000.0 | N/m ² | modulus of shear of the object |
| 25 | modulus of bending | 100000000000.0 | N/m ² | modulus of bending of the object |
| 26 | modulus of twisting | 80000000000.0 | N/m ² | modulus of twisting of the object |
| 27 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 28 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 29 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 30 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 31 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 32 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 33 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 34 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 35 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 36 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 37 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 38 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 39 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 40 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 41 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 42 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 43 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 44 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 45 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 46 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 47 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 48 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 49 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |
| 50 | modulus of crushing | 100000000000.0 | N/m ² | modulus of crushing of the object |

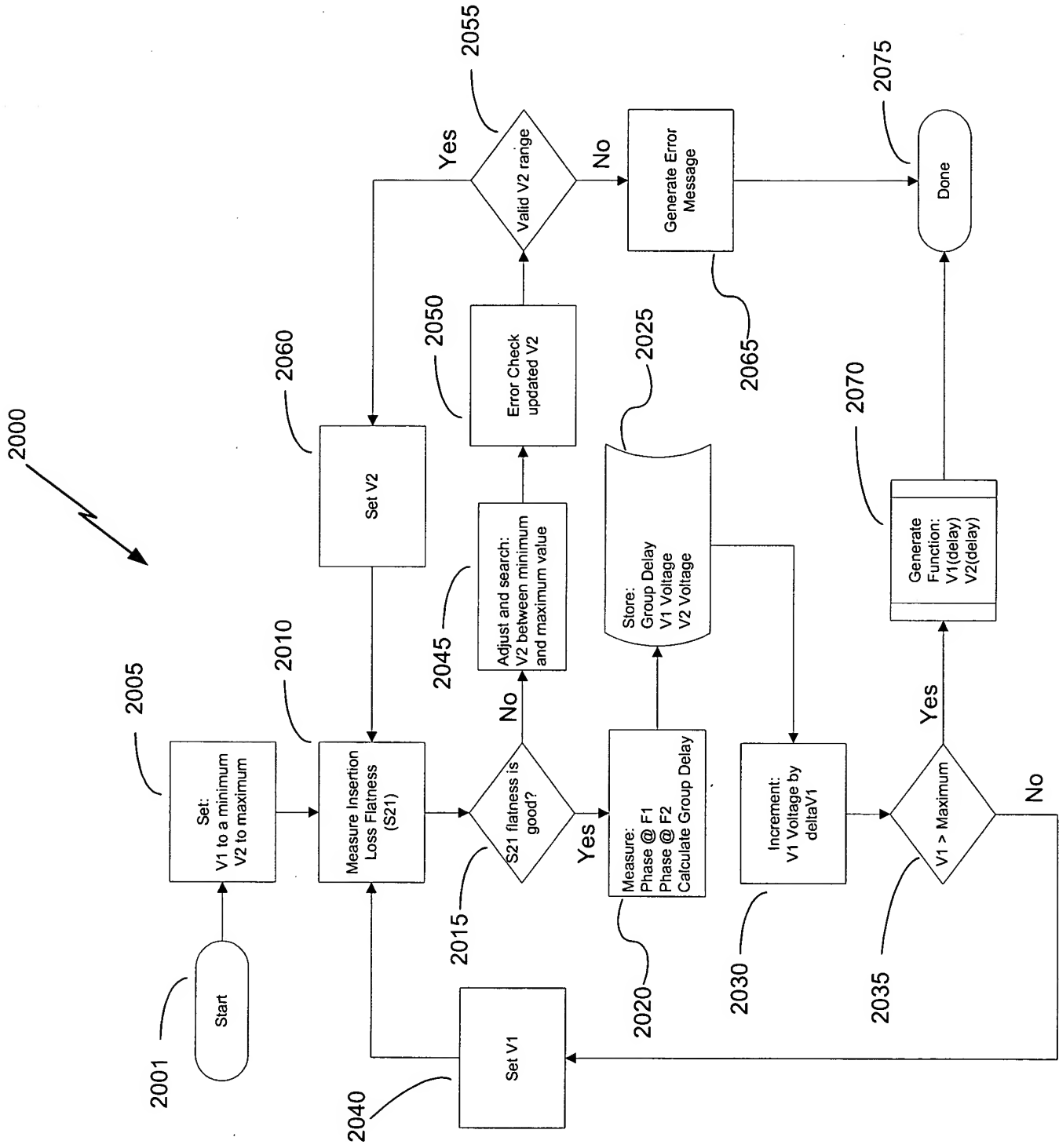


Fig. 13

2100

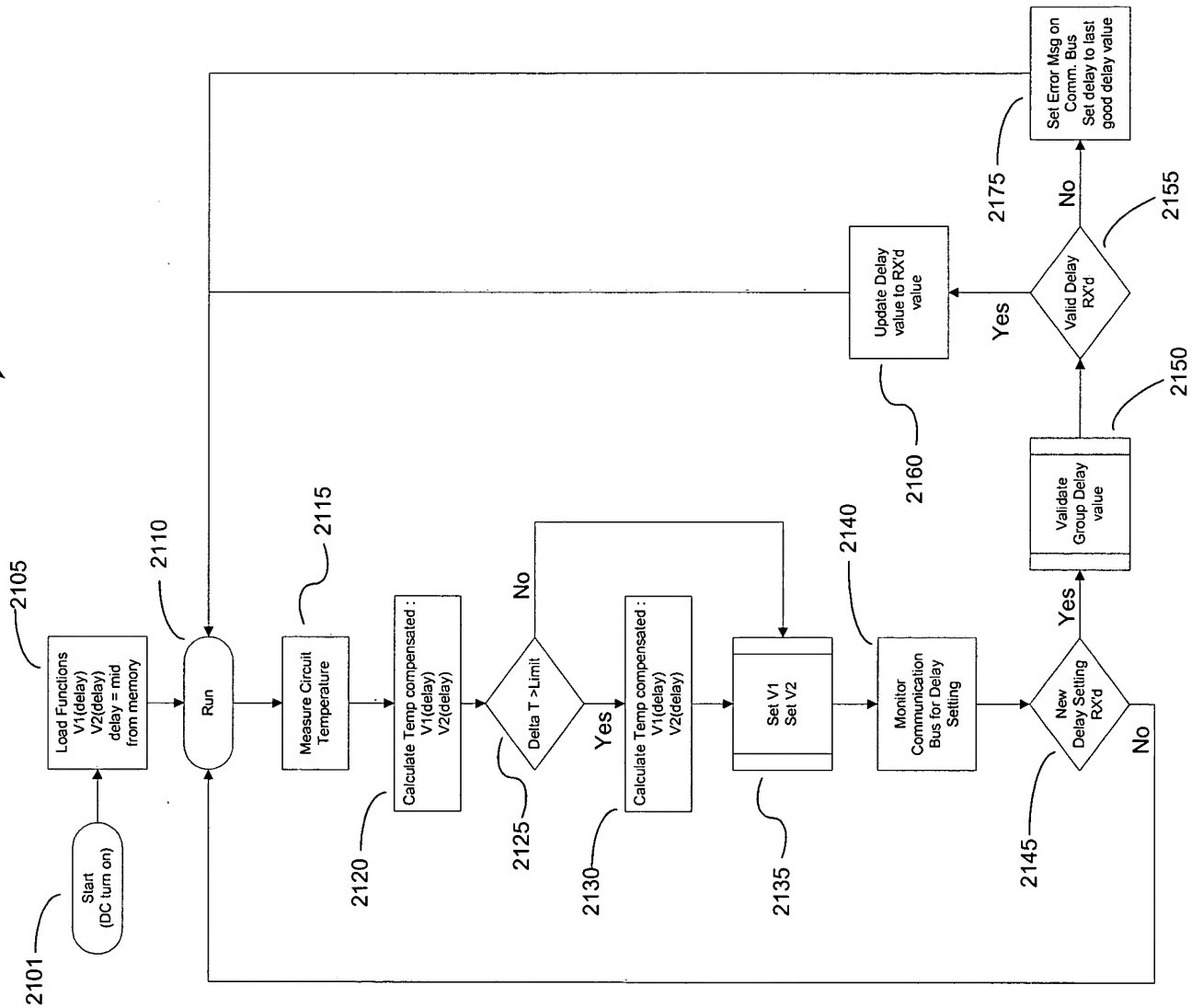


Fig. 14

2200

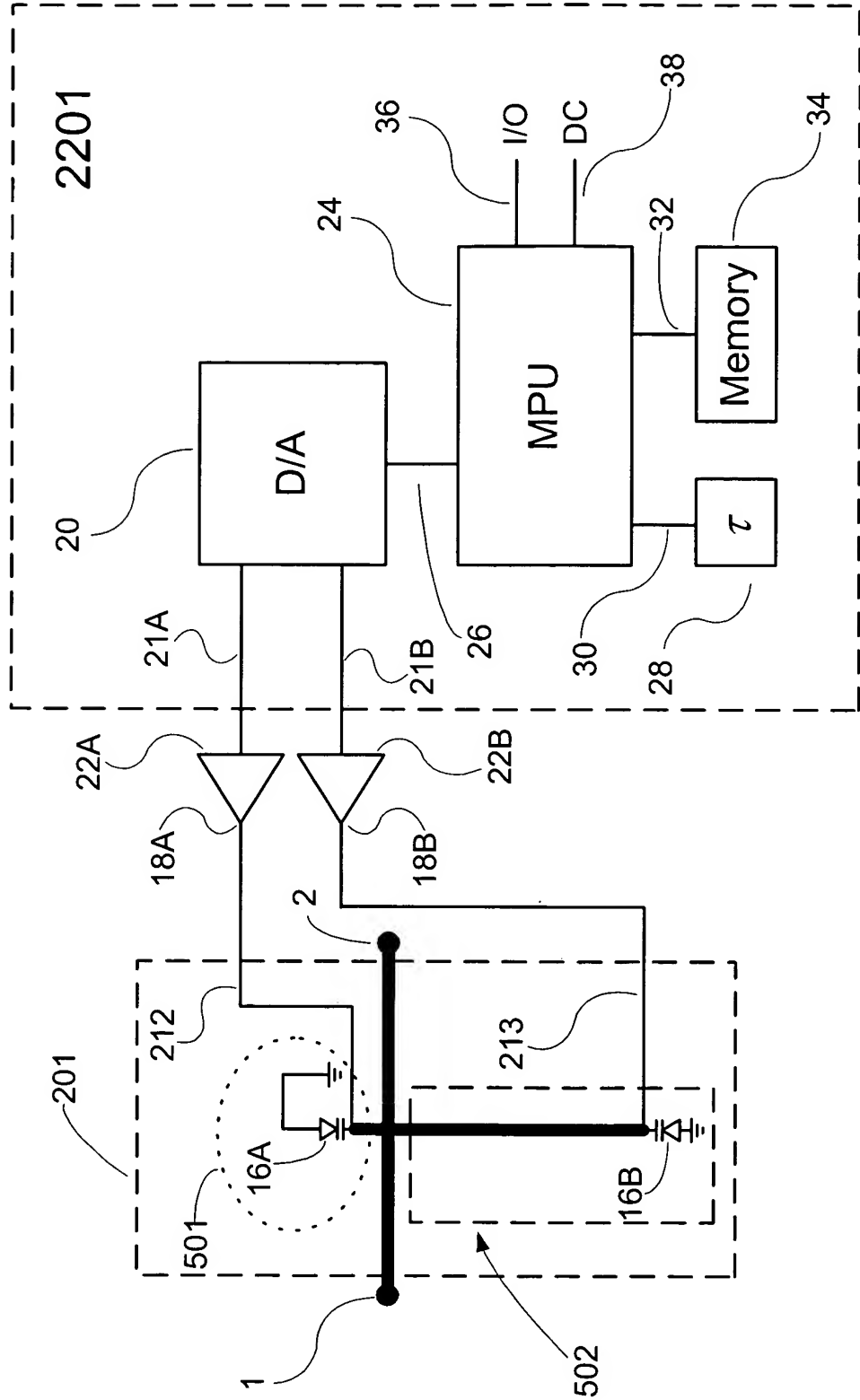


Fig. 15